

## **Traction Control Fitting Instructions – Z20LET/Z22SE**

Supplied Components:

1 – Panel. 1 – Switch. 1- Wiring Harness.

Remove the original blanking panel (careful if heated seats are fitted).

Remove the Ashtray/cigarette lighter assembly. 2 x torx bolts and clips either side. Careful, these can break! Remove the wiring from the cigarette lighter. Undo the torx bolt on the side of the console in the D/S footwell (it makes it easier to get the wiring loom through)

Route the wiring harness from the fuse box access panel towards the centre console, above the driver's footwell/pedal area, and up to the required location at the bottom of the centre console. Route the wiring harness down behind the panel in the D/S footwell where the torx bolt was removed. Refit torx bolt ensuring wiring is not trapped anywhere along the side of this panel.

Connect the grey wire to the illumination from the cigarette lighter. Strip the grey wire at the end. Carefully break into the illumination feed wire and solder the grey wire in place.

Push the switch into the panel and push the multi plug onto the switch. Leave loose for now prior to final checking.

Now run the wiring into the engine bay from above the accelerator pedal. There will be a grommet in the bulk head a little bit above the accelerator pedal. This was previously used for the accelerator cable but is now no longer used on fly by wire engines. Remove this blanking grommet carefully with a hook ended tool. Run the wiring harness through into the engine bay and route it across to the passenger side of the car (ABS module side). Fit the grommet on the wiring loom into the bulkhead.

Attached the earth lead (with ring connector) to the earthing point on the passenger side suspension mount.

Remove the ABS multi plug from the module by sliding the securing bar towards the passenger side. This securing bar is purple. You may need to ease it first with a long screwdriver then you'll be able to get your hand round onto it to remove it completely. Be careful not to damage it. Cut the small cable tie securing the plastic cover from the multi plug and remove it to expose the wiring.

To connect up the signal wire you need to know if your car has ESP and TC or just TC. If you are unsure it can be checked with Tech2. If you don't check and get it wrong the TC switch won't work at best or cause other problems at worst! ABS/TC lights will come on and stay on! If in doubt, get it checked.

Connect the wire from the TC loom with the pin into the ABS multi plug. You will need to push this into the multi plug from the top. Locate the correct pin and then remove the rubber blanking plug. For cars with TC and ESP use Pin 25 middle row 2<sup>nd</sup> in from LHS of connector (when viewed from the underside of the connector - this should be empty) for Z20LET cars. Cars with just TC may have to use Pin 31 (bottom row far left hand location when viewed from the underside of the connector). Pin numbers are shown on the multi plug. For Z22SE the same information is true, however some cars with only TC (and no ESP) will have a wire in Pin 31. Use Pin 31. If there is a wire in this pin location, cut the single terminal off the wiring loom supplied, strip a small amount of wire off the end, and then carefully scrape away a small amount of the sheathing from the wire already in Pin 31 and solder the new wire to the wire in Pin 31, and all should be ok.

Push on ABS connector to module and check that the TC light operates when the switch is pressed (TC Light On = TC OFF TC Light OFF = TC ON) before refitting the plastic cover to the ABS multi plug (don't forget to re-cable tie the end around the wiring loom) and secure the wiring harness in the engine bay out of the way along the bulkhead.

Check the switch illuminates when the lights are switched on. Swap over heated seat switches and connections (if fitted) otherwise secure the two spare multi plugs into the back of the panel. Refit ashtray and cigarette lighter. Push switch panel home into place.

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